

Project Title: **UVA Course Evaluation Spring 2020**Course Audience: **72**
Responses Received: **31**
Response Ratio: **43.06%**

Report Comments*Final Report***Course Questions:**

Scale: 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

1. I had access to the course materials I needed to effectively learn remotely, including access to required textbooks, course readings, technology tools, and other materials required for class assignments and projects.
2. The shift to remote instruction made learning course content and/or skills more challenging.
3. I put forth more effort to engage in this course after the shift to remote instruction.
4. My life situation made it challenging to effectively learn remotely.
5. Comment on your experience, both the opportunities and challenges, in shifting to remote instruction in this course.

Instructor Questions:

Scale: 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

1. The instructor clearly communicated course changes during the transition to remote instruction.
2. The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.
3. The instructor provided me useful and timely feedback on my learning.
4. The instructor was available to help support my learning.
5. The instructor created an environment that respected differences and diverse perspectives.
6. The instructor made all students feel welcome.
7. Overall, the instructor was an effective teacher.
8. What constructive suggestions do you have to help the instructor improve this course for future students?

Impact Questions:

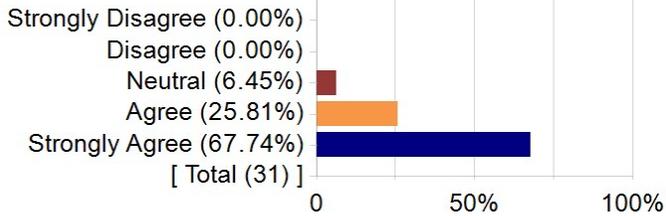
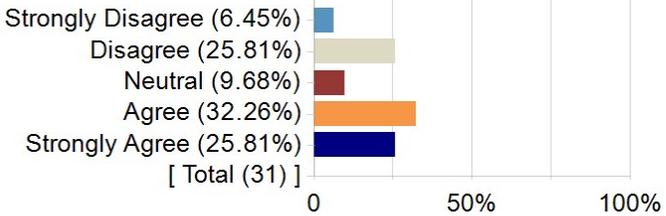
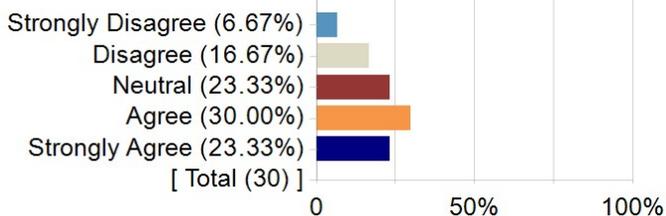
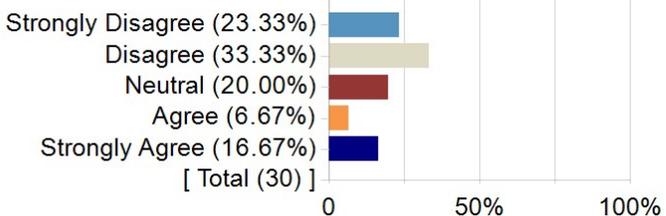
Scale: 1 = Negative Impact 2 = No Impact 3 = Positive Impact

1. In this course, what impact did the following have on your learning after Spring Break (once your classes stopped meeting in person):
 - Real-time lectures
 - Recorded Lectures
 - Real-time class whole-class discussions
 - Real-time small-group discussions
 - Online discussion boards
 - Recorded video demonstrations
 - Virtual office hours

Response Rate

Raters	student
Responded	31
Invited	72
Response Ratio	43.06%

Course Questions

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Course

Mean values are displayed below.

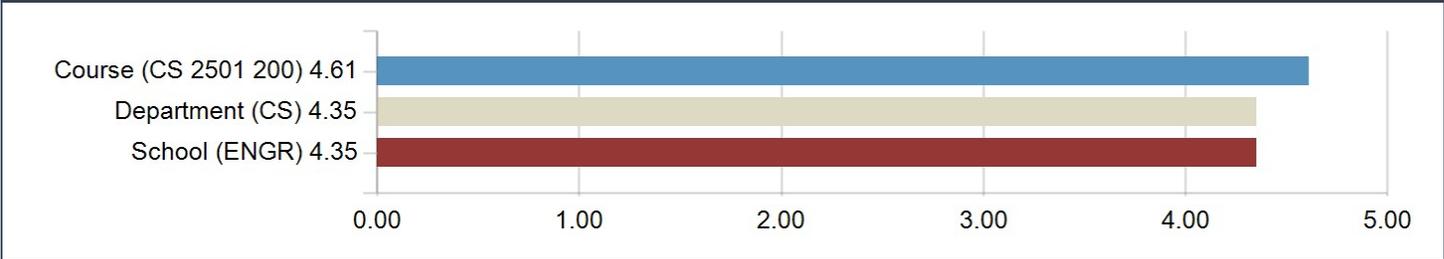
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Course Questions

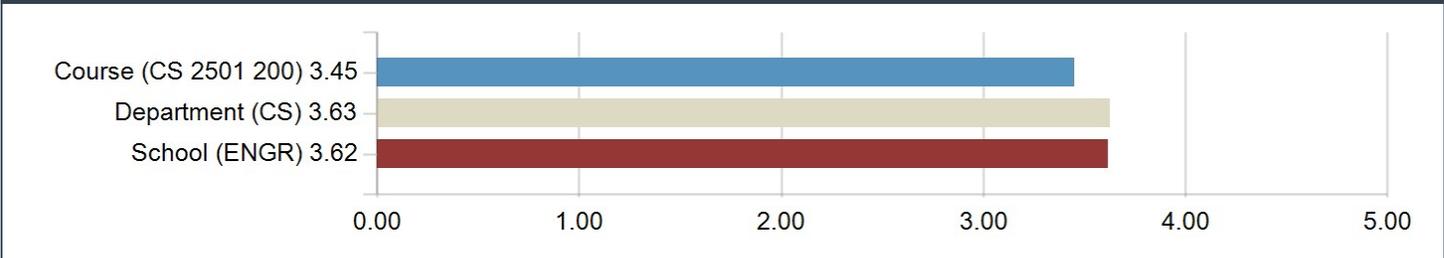
Question	Course (CS 2501 200)		Department (CS)		School (ENGR)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean
I had access to the course materials I needed to effectively learn remotely, including access to required textbooks, course readings, technology tools, and other materials required for class assignments and projects.	31	4.61	4197	4.35	10572	4.35
The shift to remote instruction made learning course content and/or skills more challenging.	31	3.45	4221	3.63	10663	3.62
I put forth more effort to engage in this course after the shift to remote instruction.	30	3.47	4214	3.38	10647	3.38
My life situation made it challenging to effectively learn remotely.	30	2.60	4213	3.06	10631	2.99

Course Questions

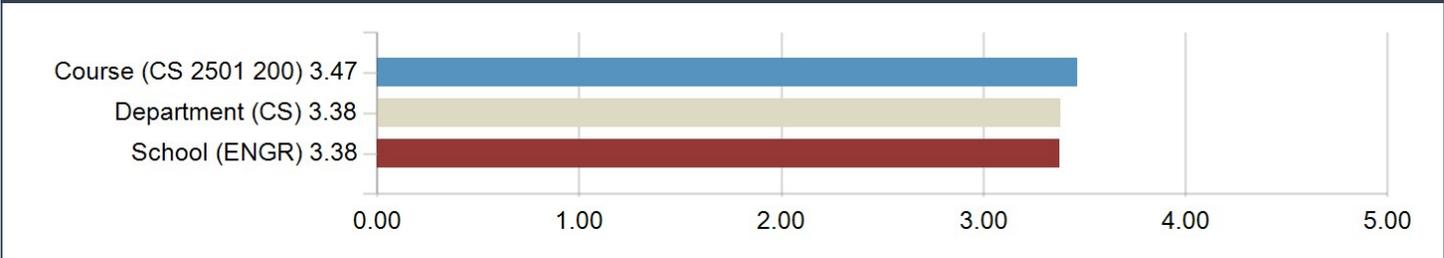
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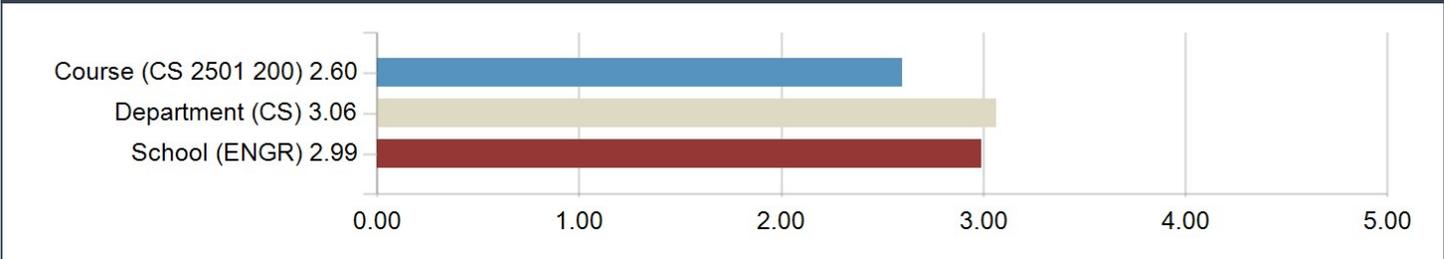
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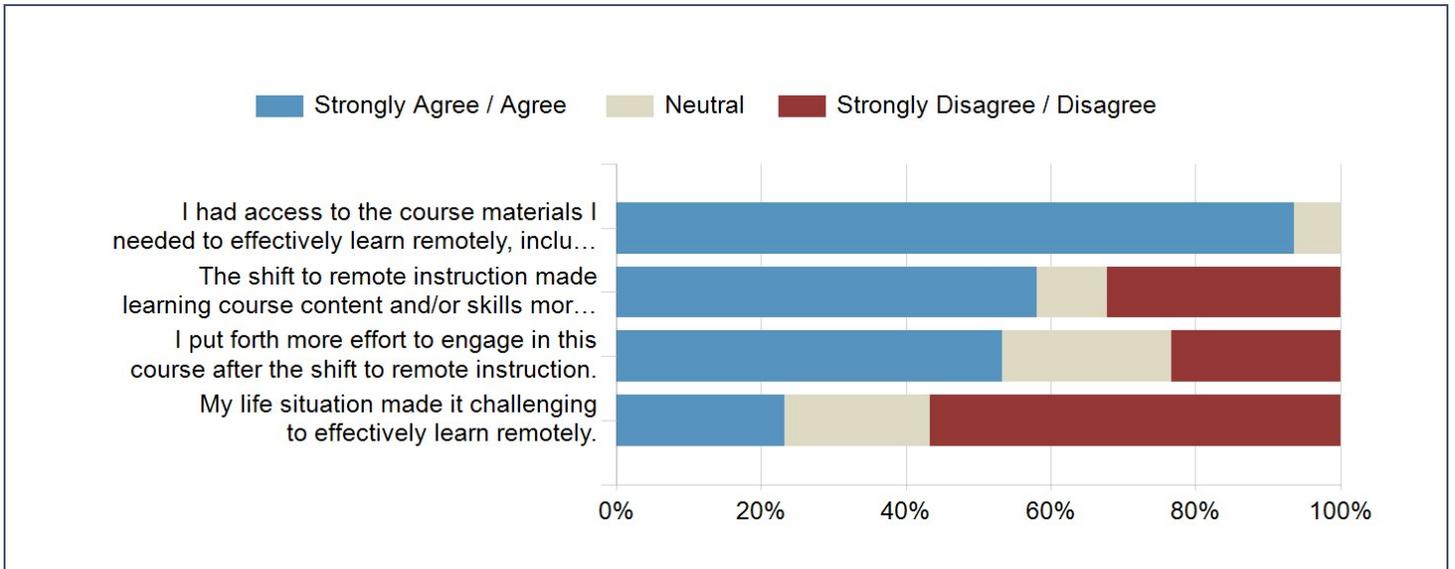
3. I put forth more effort to engage in this course after the shift to remote instruction.



4. My life situation made it challenging to effectively learn remotely.



Course Questions

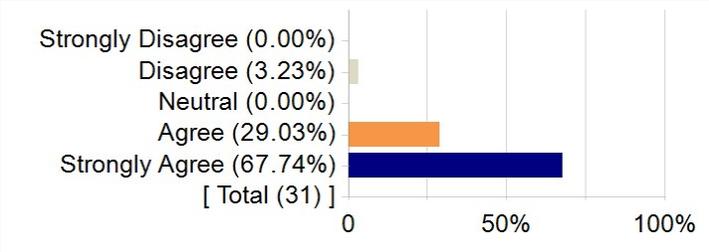
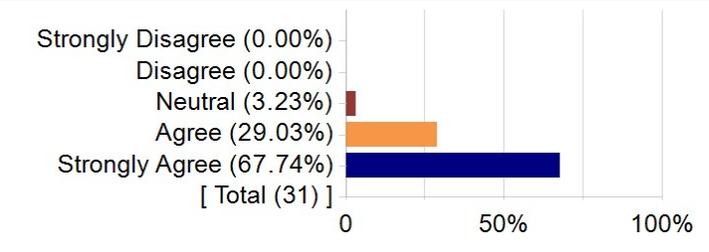
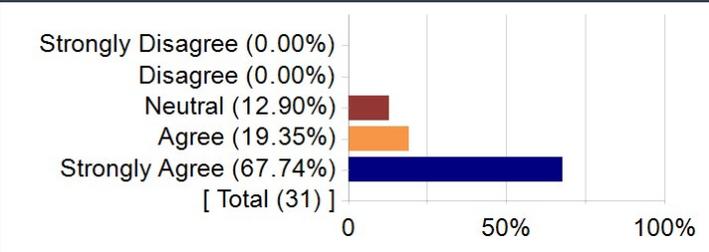
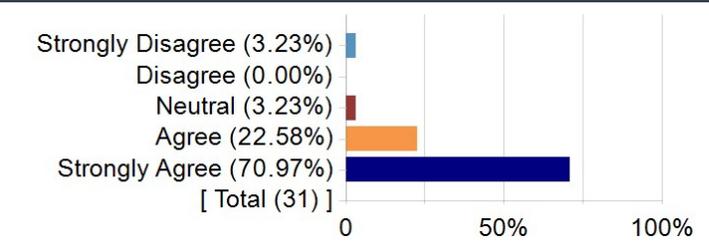


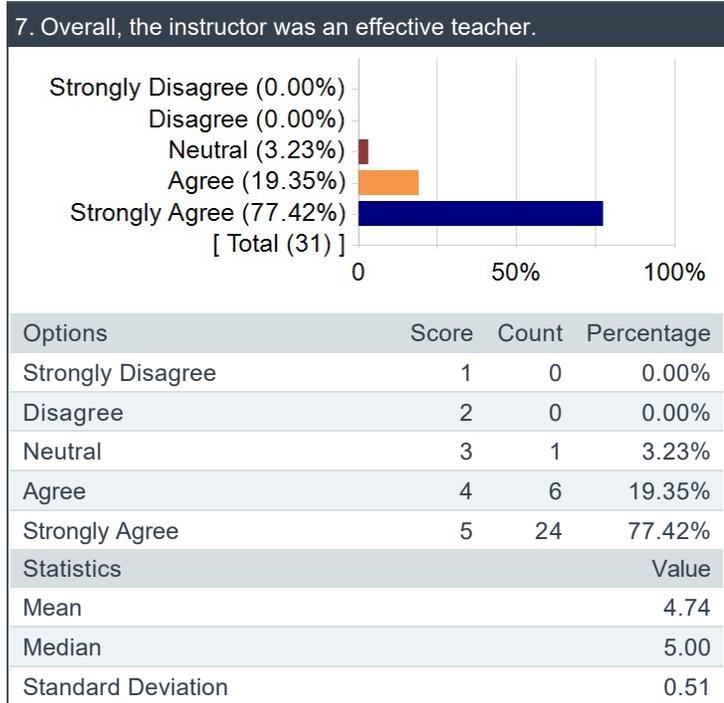
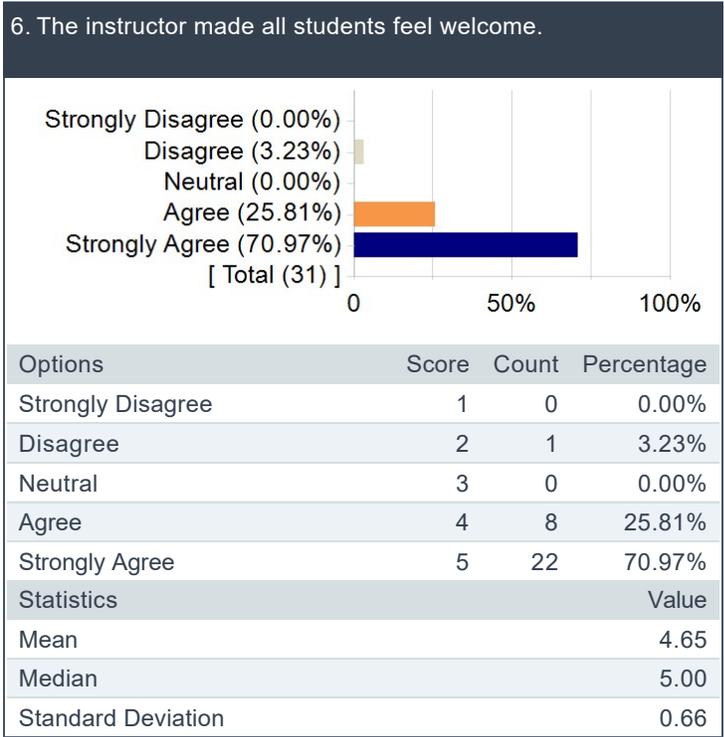
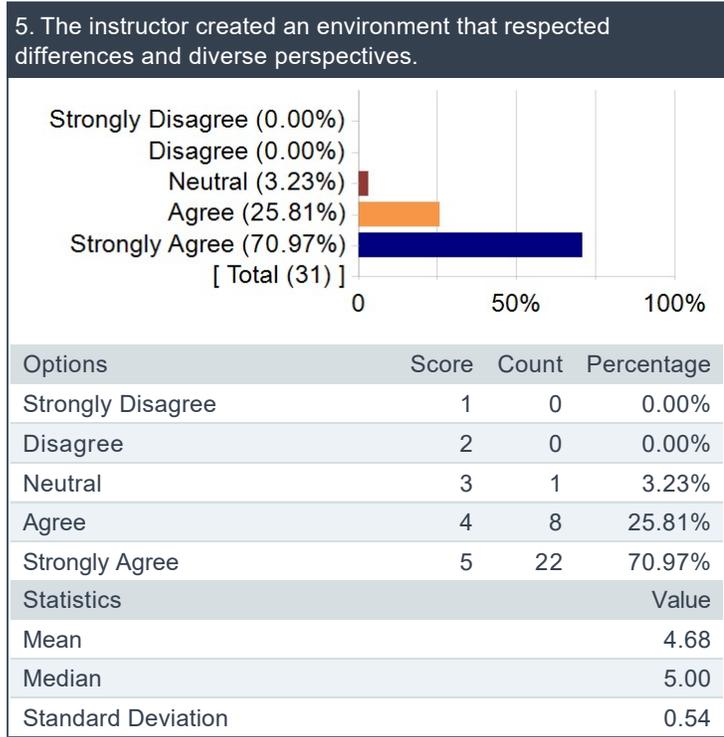
Instructor

Mean values are displayed below.

Scale 1 = Strongly Disagree 2 = Disagree 3 = Neutral 4 = Agree 5 = Strongly Agree

Instructor Questions

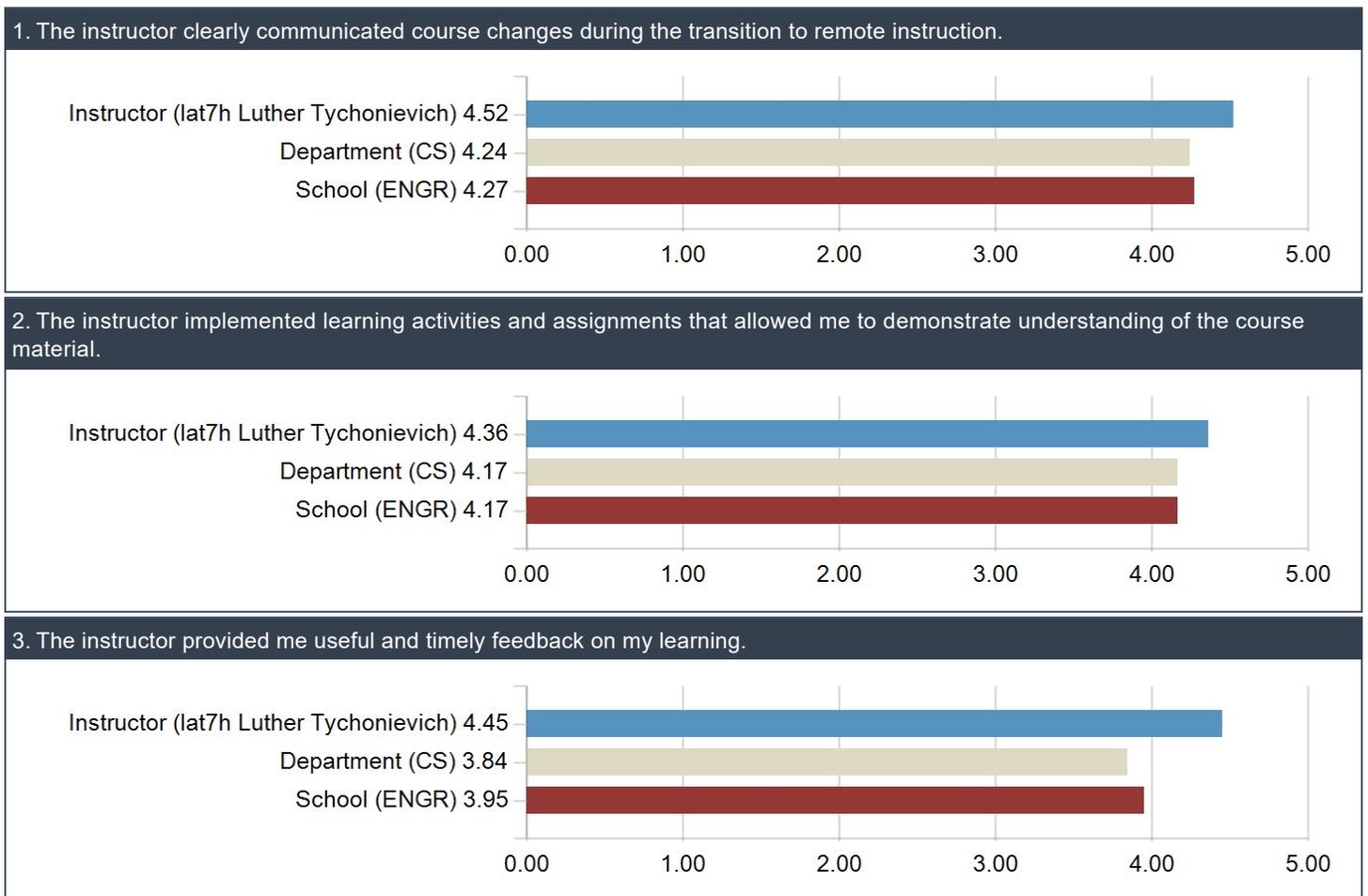
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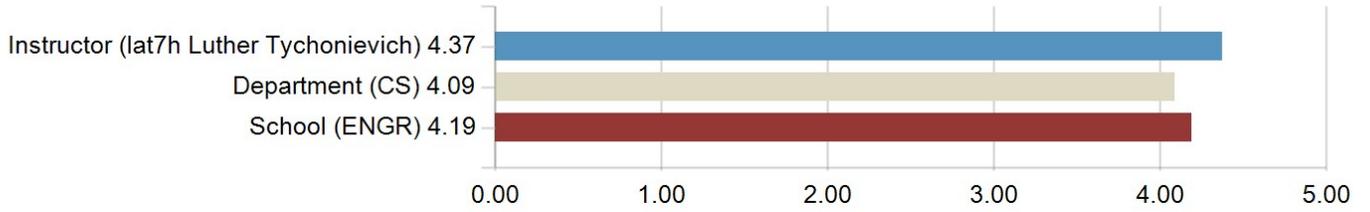
Instructor Questions

Question	Instructor (lat7h Luther Tychonievich)		Department (CS)		School (ENGR)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean
The instructor clearly communicated course changes during the transition to remote instruction.	170	4.52	4221	4.24	11961	4.27
The instructor implemented learning activities and assignments that allowed me to demonstrate understanding of the course material.	171	4.36	4248	4.17	12055	4.17
The instructor provided me useful and timely feedback on my learning.	172	4.45	4261	3.84	12084	3.95
The instructor was available to help support my learning.	171	4.37	4245	4.09	12049	4.19
The instructor created an environment that respected differences and diverse perspectives.	172	4.53	4253	4.34	12072	4.37
The instructor made all students feel welcome.	170	4.54	4245	4.41	12052	4.42
Overall, the instructor was an effective teacher.	170	4.47	4237	4.16	12021	4.22

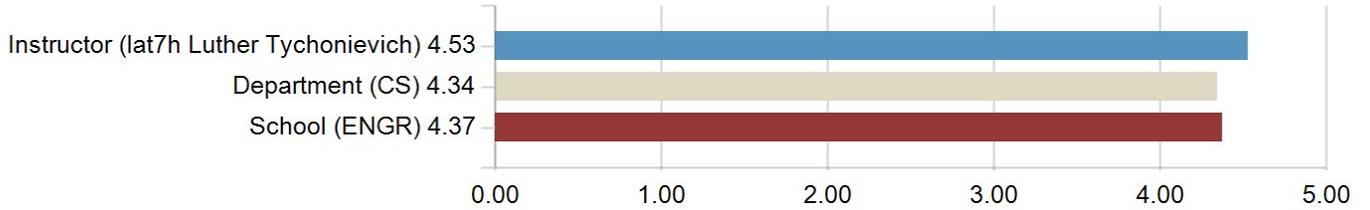
Instructor Questions



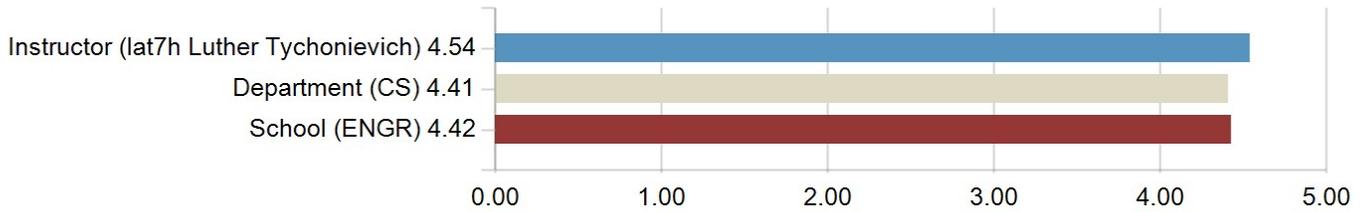
4. The instructor was available to help support my learning.



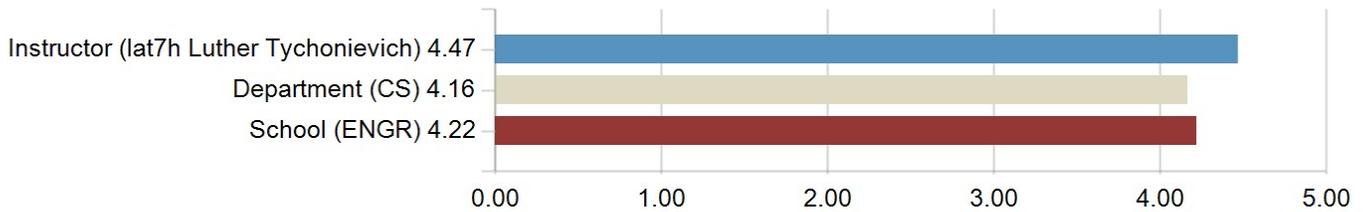
5. The instructor created an environment that respected differences and diverse perspectives.



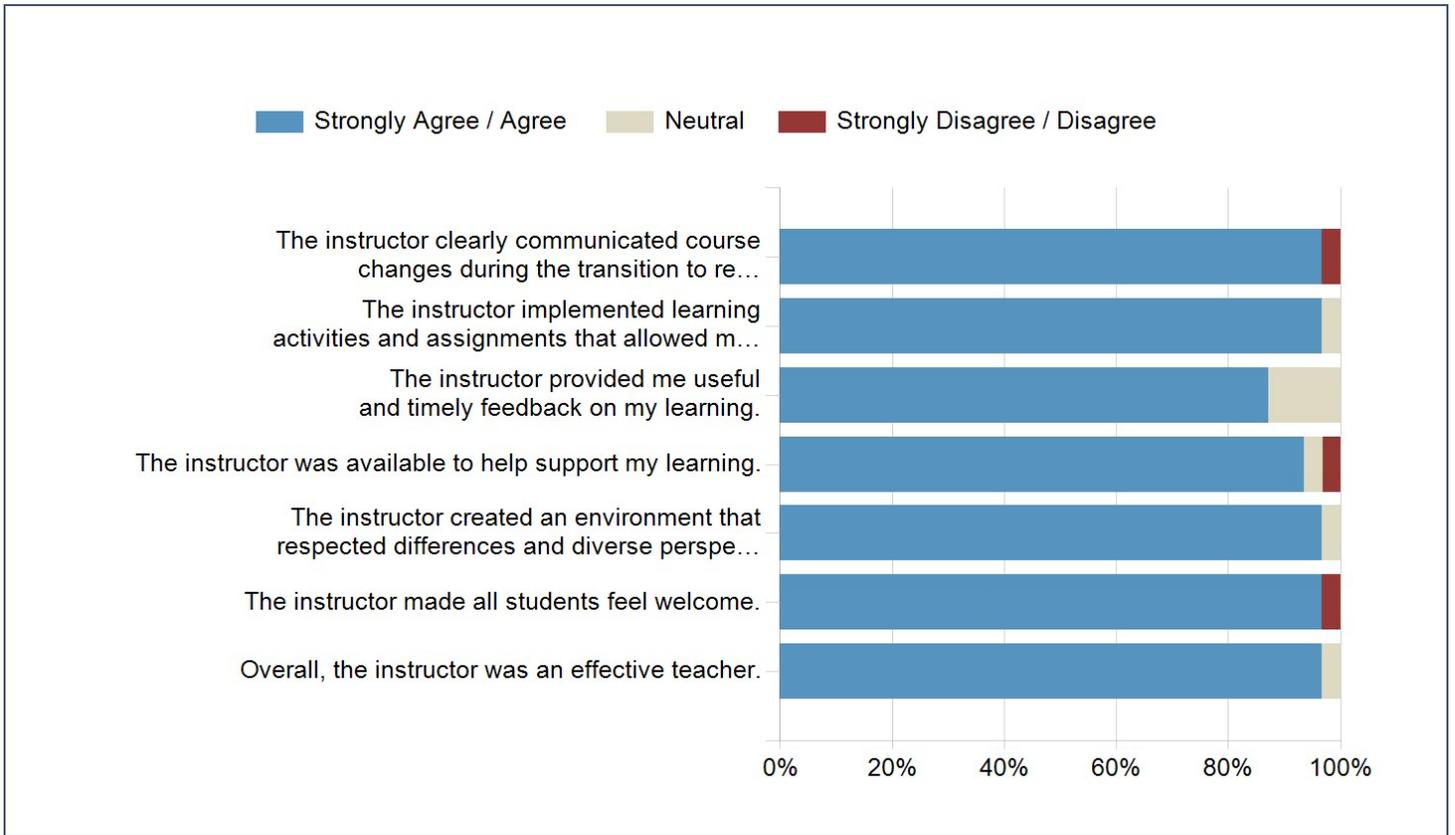
6. The instructor made all students feel welcome.



7. Overall, the instructor was an effective teacher.



Instructor Questions

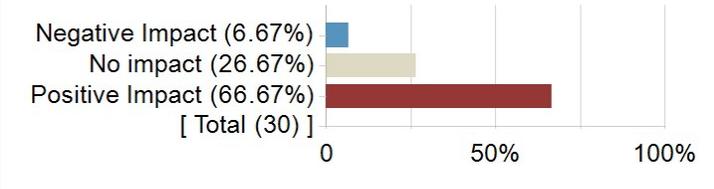
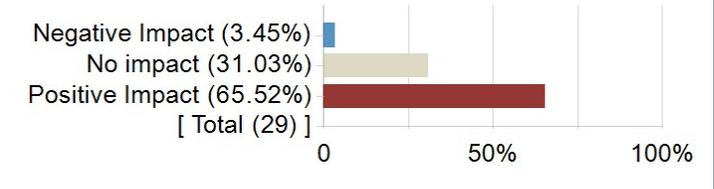
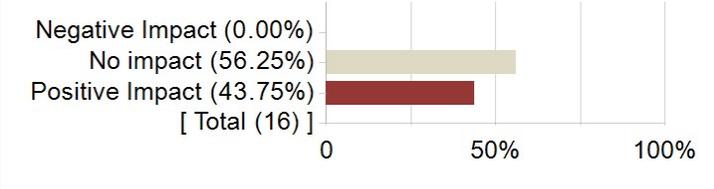
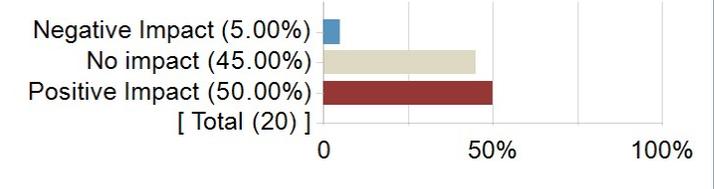


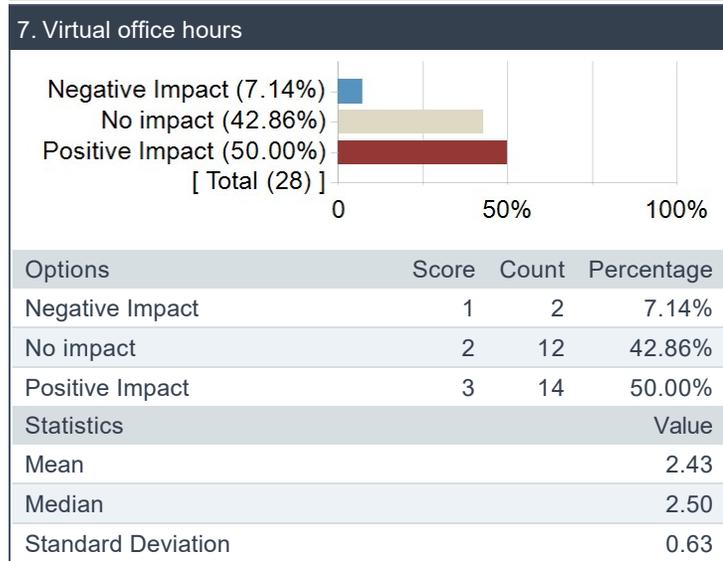
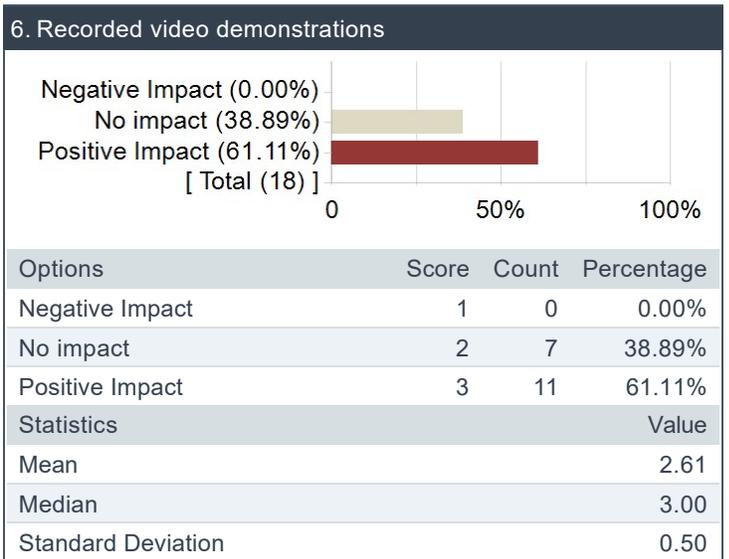
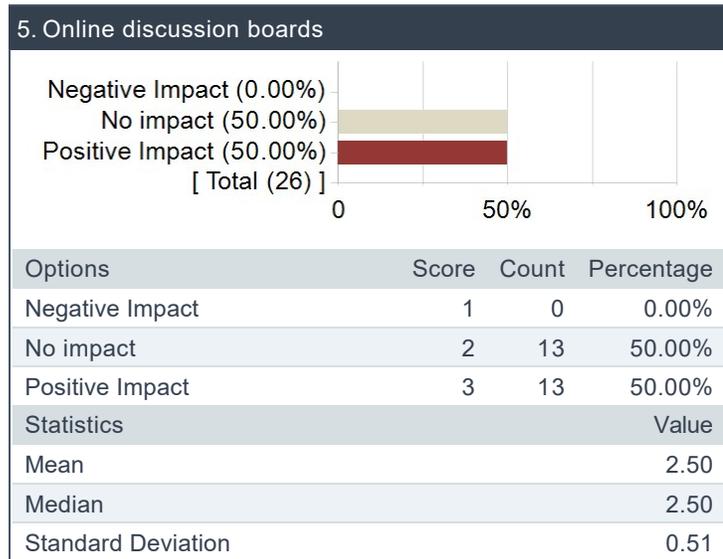
Impact - In this course, what impact did the following have on your learning after Spring Break (once your classes stopped meeting in person):

Mean values are displayed below.

Scale 3 = Positive Impact 2 = No Impact 1 = Negative Impact

Impact Questions

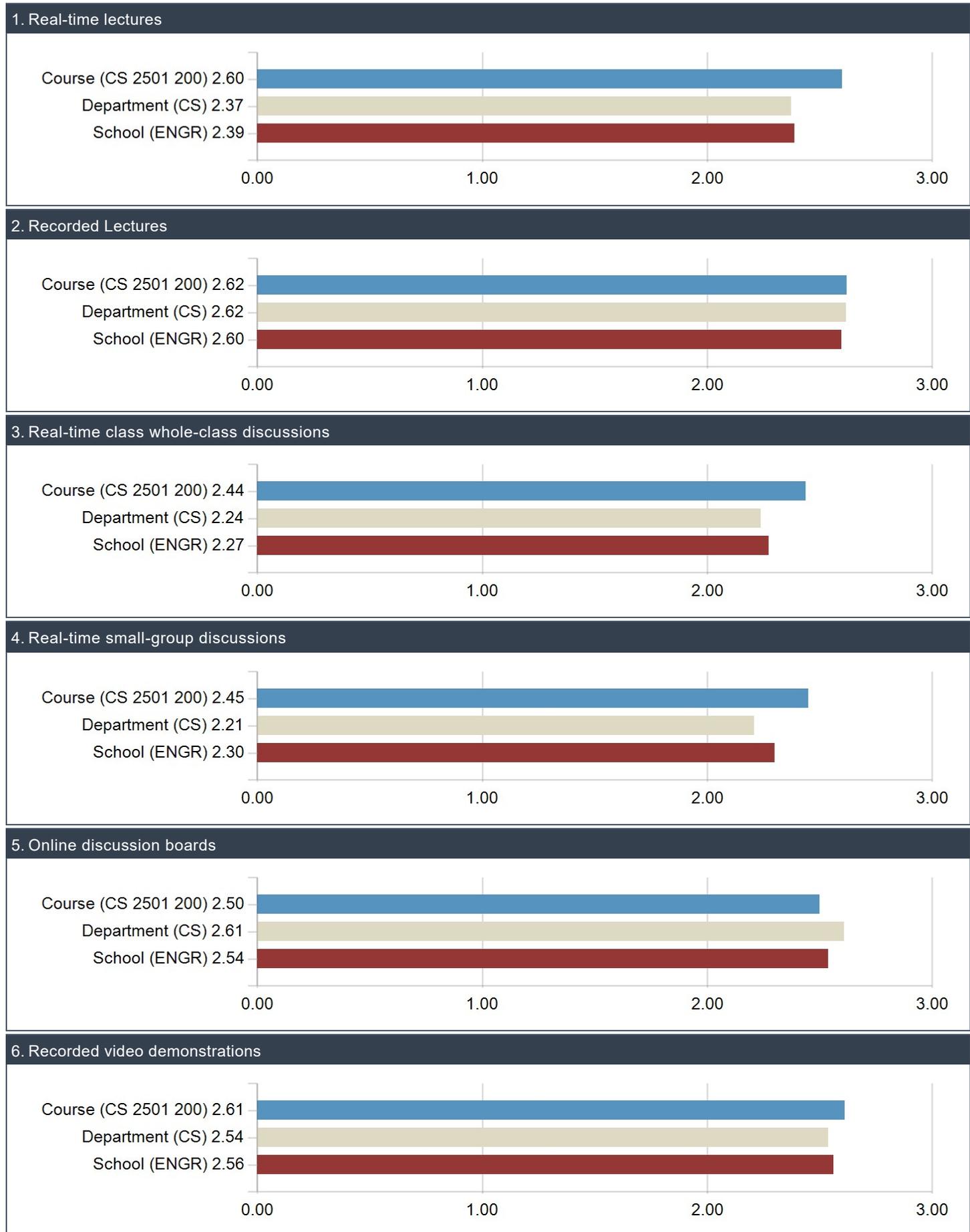
1. Real-time lectures					2. Recorded Lectures				
									
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
Negative Impact	1	2	6.67%		Negative Impact	1	1	3.45%	
No impact	2	8	26.67%		No impact	2	9	31.03%	
Positive Impact	3	20	66.67%		Positive Impact	3	19	65.52%	
Statistics				Value	Statistics				Value
Mean				2.60	Mean				2.62
Median				3.00	Median				3.00
Standard Deviation				0.62	Standard Deviation				0.56
3. Real-time class whole-class discussions					4. Real-time small-group discussions				
									
Options	Score	Count	Percentage		Options	Score	Count	Percentage	
Negative Impact	1	0	0.00%		Negative Impact	1	1	5.00%	
No impact	2	9	56.25%		No impact	2	9	45.00%	
Positive Impact	3	7	43.75%		Positive Impact	3	10	50.00%	
Statistics				Value	Statistics				Value
Mean				2.44	Mean				2.45
Median				2.00	Median				2.50
Standard Deviation				0.51	Standard Deviation				0.60



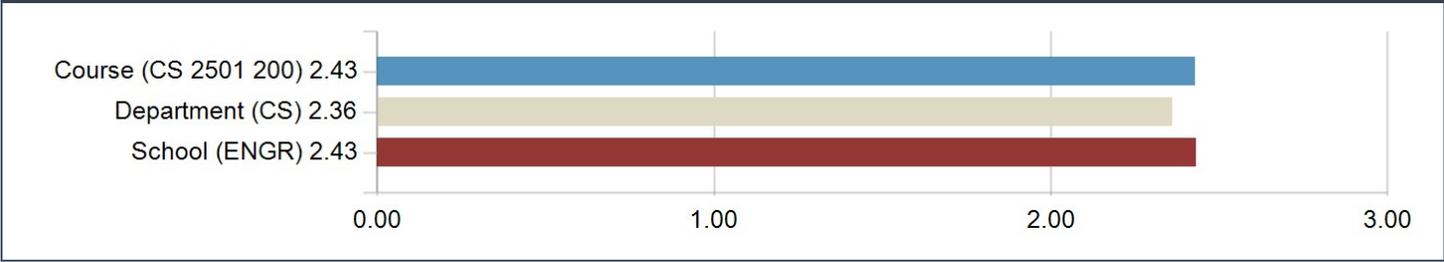
Impact Questions

Question	Course (CS 2501 200)		Department (CS)		School (ENGR)	
	Response Count	Mean	Response Count	Mean	Response Count	Mean
Real-time lectures	30	2.60	3269	2.37	7431	2.39
Recorded Lectures	29	2.62	3612	2.62	8621	2.60
Real-time class whole-class discussions	16	2.44	2402	2.24	5879	2.27
Real-time small-group discussions	20	2.45	2294	2.21	5698	2.30
Online discussion boards	26	2.50	3345	2.61	7031	2.54
Recorded video demonstrations	18	2.61	2702	2.54	6250	2.56
Virtual office hours	28	2.43	3527	2.36	8490	2.43

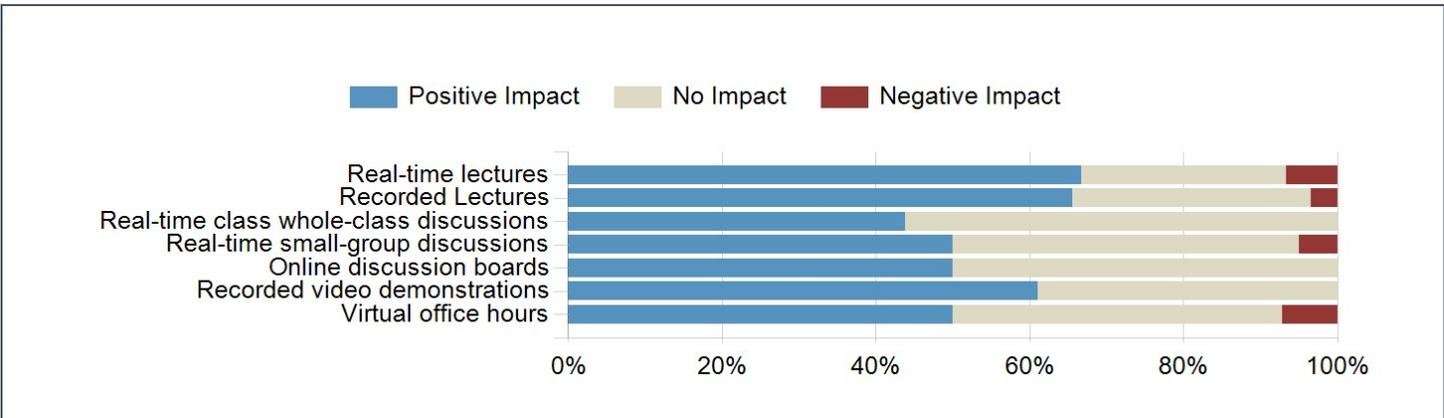
Impact Questions



7. Virtual office hours



Impact Questions



Ranking

Course

Highest		
1	I had access to the course materials I needed to effectively learn remotely, including access to required textbooks, course readings, technology tools, and other materials required for class assignments and projects.	4.61
2	I put forth more effort to engage in this course after the shift to remote instruction.	3.47
Lowest		
	In this course, what impact did the following have on your learning after Spring Break (once your classes stopped meeting in person):	2.52
1	Virtual office hours	2.43
2	Real-time class whole-class discussions	2.44
1 3	Real-time small-group discussions	2.45
4	Online discussion boards	2.50
5	Real-time lectures	2.60
6	Recorded video demonstrations	2.61
7	Recorded Lectures	2.62
2	My life situation made it challenging to effectively learn remotely.	2.60

Instructor

Strengths		
1	Overall, the instructor was an effective teacher.	4.74
2	The instructor created an environment that respected differences and diverse perspectives.	4.68
Needs Improvement		
1	The instructor provided me useful and timely feedback on my learning.	4.55
2	The instructor was available to help support my learning.	4.58

Comments

Comment on your experience, both the opportunities and challenges, in shifting to remote instruction in this course.

Comments
I feel I was cheated out of a full classroom experience with Tycho — that's the real tragedy of the Coronavirus
I think the course transitioned very smoothly to being online, and I felt my learning and experience taking the course was comparable to what it was before break.
Overall the course was about the same, but the lectures suffered from less class interaction and it was harder to do homeworks because getting TA help was harder
Course was already super fun and interesting, and the format for lectures was largely the same when it moved online, which made it easy to just keep going like nothing changed.
I found I was not able to learn as effectively as when we were in person, mostly struggling to find motivation to keep up with studying.
I really appreciate how understanding Professor Tychonievich was in this time
The shift to online learning went well in almost all regards. The only feedback I have to offer is that Discord worked a lot better for labs than Zoom.
COA was already a difficult course to do in-person, and going online didn't make it any better.
Labs were easier but somewhat less instructive.
Shifting to remote instruction for this class has made it much more difficult to receive help on assignments during office hours. It was harder to stay on schedule with lectures because I couldn't go in person to stay accountable.
The course staff did an excellent job in shifting to remote instruction. Lectures were still very helpful in learning content and the impact on assignments were minimized. I feel like this was one of the classes where the transition to remote had the least impact on my learning (learning in person is still much better though)
Course remained largely unaffected.
The live and recorded lectures were very helpful in making the transition. It was very helpful that most of the course material was already set up for online submissions.
Professor Tychonievich facilitated the transition to remote learning well and was extremely helpful

What constructive suggestions do you have to help the instructor Luther Tychonievich improve this course for future students?

Comments
I struggled a lot in COA1, but found that I enjoyed and understood the content a lot better in COA2 (even though I still struggled with a lot of the assignments!). Thank you for a meaningful semester and for all the hard work you do.
This was a good course. I think we would benefit more from the labs if they were more relevant to what we were learning. For example, a lab involving processors would have been better than the c++ lab we did recently because it would help us understand the material better (I understand that with covid and the server problems recently making labs was tough, but the point still stands for other labs as well)
Some of the beginning labs I did not find that useful as they were slightly related in content to what we were doing in lecture, but almost seemed like a deep dive into a side topic for fun. Towards the end of the semester the content of labs seemed to go along quite well with what we were doing in class and were much more helpful for me personally.
I don't know what could be improved, genuinely one of the best taught and most interesting classes I've ever taken.
I can't remember if there was more discussion on this at some point, but having more supplemental readings would be nice, whether its via a textbook, websites, writeups, or other formats.
I really appreciate how many resources were always available for us. I also really appreciate the TA's and the collaborative nature of labs. I also just really find Professor Tychonievich inspiring and it hasn't really sunk in that I won't have him again next semester and that makes me pretty sad honestly. I just feel like I was able to learn a lot about so many things and really appreciated Professor Tychonievich's perspectives.
Nothing, he was great!
This professor should make the lab assignments more related to the information learned in class.
You are an amazing professor. I've spent 3 semesters with you and I've thought it the entire time. Only thing that I'd say should be changed is some of the quizzes. Some of them had memory usage questions and those calculations seemed to be very confusing or non-existent on write-ups so we had to put in a lot of time to try and figure out how to do it correctly (and in most cases, we were still wrong), so I'd say if they were to be included on quizzes to actually go over doing the math in class, have TA office hour blocks over the weekend, or move the deadline to Tuesday/Wednesday so that we have a chance to ask someone about the help.
Quiz questions still continue to feel unfair, frustrating, and unsatisfying. It always felt like there were questions that we weren't being taught the answers to, and though at the beginning of COA1 I felt it was poking holes in my knowledge, by the end of COA2 became more obvious it was just holes in what I was being taught (after combing through recorded lectures and write-ups for answers and still walking away clueless). Occasional exam questions feel like they were super ambiguous and it was a guessing game as to whether you got the intended interpretation correct (with no real explanation for why comments were rejected or accepted).
I appreciate the Kytos grader and the feedback from that. I never got a point off but some of the rubric items felt like weren't clearly communicated as being checked for.
I thought the course was well organized and well formatted. The transition to remote went very well and I really appreciate that you continued to do live lectures. I really appreciate how much time you provide for students to think of and ask questions. In general there is very little that I would change. Some of the homework assignments, namely fork, didn't feel that helpful in improving my understanding of the material, but Page tables and TLB were very helpful even if they were a bit challenging.